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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/728,556	11/30/2000	Matthias Breuer	P-4583	4954

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EXAMINER

CHUONG, TRUC T

ART UNIT	PAPER NUMBER
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2174

DATE MAILED: 11/05/2003

6

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/728,556

Applicant(s)

BREUER, MATTHIAS

Examiner

Truc T Chuong

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on 08/15/03.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-22 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 30 November 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ 6) ☐ Other: _____

DETAILED ACTION

1. This communication is responsive to Amendment A, filed 08/12/03.
2. Claims 1-22 are pending in this application. Claims 1, 8, 15, and 22 are independent claims. In Amendment A, claims 1, 8, 14, 15, and 22 are amended. This action is made final.
3. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior office action.

Claim Rejections - 35 USC § 102

4. Claims 1-4, 7-11, 14-18, and 21-22 are rejected under 35 U.S.C. 102(e) as being anticipated by Lee et al. (U.S. Patent No. 5,937,163).

As to claim 1, Lee teaches a computer-based method of interactively generating an index page comprising:

displaying a window including a list of index page types (table of contents, col. 9 lines 59-67 and figs. 10-11);

displaying a window including a list of index line types for one index page type upon selection of said one index page type in said list of index page types (list of entries, col. 9 lines 51-58, and elements 120' of fig. 10);

displaying a token string including a plurality of tokens for one index line type, upon selection of one index line type in said list of index line types (col. 11 lines 53-67 and fig. 10), wherein said plurality of tokens includes only tokens appropriate for said one index line type (distinct organization, col. 11 lines 59-66); and

displaying, for at least one token in said plurality of tokens, user selectable attributes for data associated with said at least one token (Modification of Organization, col. 17 lines 35-67 and Options of figs. 10 and 11).

As to claim 2, Lee teaches the method of Claim 1, wherein index line types in said list of index line types represent different levels in a hierarchical order within the index page (hierarchical organization, col. 10 lines 1-8 and figs. 10-11).

As to claim 3, Lee teaches the method of Claim 2, wherein the list of index page types includes a table of contents (col. 9 lines 59-76 and figs. 8, 10-11).

As to claim 4, Lee teaches the method of Claim 1, wherein the list of index page types includes a table of contents (see claim 3 above).

As to claim 7, Lee teaches the method of Claim 1, wherein the at least one token is a tabulator token and said user selectable attributes include tabulator positions (figs. 10-12).

As to claim 8, Lee teaches a computer-based graphic user interface comprising:
an insert index page dialogue window comprising (Lee's system clearly shows that the Table of Contents can be updated to reflex changes of new links or information of those links, col. 16 lines 17-52, and fig. 10):

an index page type window wherein said index page type window includes a list of index page types; and said index page type window displays at least one index page type in said index list of index page types (col. 9 lines 51-58, and elements 120' of fig. 10);

an index page title window coupled to said index page title window displays a title for said at least one index page type (fig. 10);

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an index line type window coupled to said at least one index page type window wherein said index line type window includes a list of index line types for said at least one index page type (list of entries, col. 9 lines 51-58, and elements 120' of fig. 10); and

a token string coupled to said at least one index line type window (col. 11 lines 53-67 and fig. 10) wherein said token string includes a plurality of tokens and further wherein each token comprises an element in an index line type selected in said index line type window (col. 11 lines 59-66, and fig. 10).

As to claims 9-11, these are product claims of method claims 2-4. Note the rejections of claims 2-4 above respectively.

As to claim 14, Lee teaches the graphic user interface of claim 8, wherein at least one token in said plurality of tokens is tabulator token and user selectable attributes include tabulator positions (fig. 10-12).

As to claims 15-18, these are program product claims of method claims 1-4. Note the rejections of claims 1-4 above respectively.

As to claim 21, this is a program product claim of method claim 7. Note the rejection of claim 7 above.

As to claim 22, this is a system claim of method claim 1. Note the rejection of claim 1 above.

5. Claims 5-6, 12-13, and 19-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Lee et al. (U.S. Patent No. 5,937,163) in view of Rivette et al. (U.S. Patent No. 5,623,679).

As to claim 5, Lee teaches the method of Claim 1 wherein the list of index page types but does not show the index page types includes a bibliographic index. Rivette clearly teaches

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bibliographic index (col. 19 lines 37-55 and figs. 14, 29, and 32). It would have been obvious at the time of the invention, a person with ordinary skill in the art would want to have bibliographic formatting information of Rivette's displaying data object in Lee's system to provide more related information to the users on different sources.

As to claim 6, it is individually similar in scope to claim 5 above; therefore, rejected under similar rationale.

As to claims 12 and 13, these are product claims of method claims 5 and 6. Note the rejections of claims 5 and 6 above respectively.

As to claims 19 and 20, these are program product claims of method claims 5 and 6. Note the rejections of claims 5 and 6 above respectively.

Response to Arguments

6. Applicant's arguments filed in Amendment A have been fully considered but they are not persuasive.

Applicants argued the following:

- a. The book icons are not a token string for one index line type.
- b. Lee does not disclose "an insert index page dialogue window."

The Examiner disagrees for the following reasons:

Per (a), Applicant has shown the meanings of tokens are symbols (page 2 lines 16-20 in the Specification); therefore, Lee clearly teaches each different icon or symbol characterizes an individual meaning to help user in organizing data (figs. 8 & 10, and see rejection of claim 1 above).

Per (b), Lee clearly discloses that the Table of Contents can be updated to reflect changes of new links or information of those links (col. 16 lines 17-52, and fig. 10); therefore, if the information of links are changed, the index page dialogue window (Table of Contents) of Lee will be inserted to update to reflex changes.

Conclusion

7. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Truc T Chuong whose telephone number is 703-305-5753. The examiner can normally be reached on M-Th and alternate Fridays 8:30 AM - 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kristine L. Kincaid can be reached on 703-308-0640. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

Truc T. Chuong

10/27/03

Kristine Kincaid
KRISTINE KINCAID
SUPERVISORY PATENT EXAMINER
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